GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4771
ANSWERED ON:15.12.2016
Potential of Solar Power Plants
Malyadri Shri Sriram;Rajbhar Shri Hari Narayan;Singh Shri Abhishek

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the potential and actual installed capacity of solar power plants in the country, State-wise;
(b) the number of functional solar power plants in the country including Andhra Pradesh and Uttar Pradesh, State-wise;
(c) whether the Union Government has reviewed the functioning of these plants;
(d) if so, the findings thereof;
(e) the target fixed by the Union Government to set up these plants in the country in future; and
(f) the measures taken by the Union Government to promote use of Biogas and Solar Energy in the country?

Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW AND RENEWABLE ENERGY & MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): State-wise potential of solar energy in the States and the grid-connected installed solar power capacity, as on 30.11.2016, is given at Annexure-I.
(b)to(d): The Ministry of New and Renewable Energy (MNRE) does not undertake review of functioning of solar power plants as most of the plants are set-up by private sector. The generation data of these plants is regularly collected and collated by Central Electricity Authority (CEA). The electricity generated from the grid-connected solar power projects during the last 3 years is given at Annexure-II.
(e): Government has revised solar power capacity addition targets from 20,000 MW to 1,00,000 MW by 2022.
(f): The Union Government has launched several schemes to promote use of biogas and solar energy in the country for which Government is providing various fiscal and promotional incentives such as capital and/or interest subsidy, tax holiday on the earnings for 10 years, generation based incentive, accelerated depreciation, viability gap funding (VGF), financing solar rooftop systems as part of home loan, concessional excise and custom duties, preferential tariff for power generation from renewables. In addition, power is offered at lower tariff through schemes like bundling with thermal power and VGF. Government also provides capital subsidy, for setting up of manufacturing units for solar cells and modules and the entire value chain under Modified Special Incentive Package Scheme (M-SIPS) of Ministry of Electronics and Information Technology.
****